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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/806,959

03/23/2004

Michael Yeung

66329/00131

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11/21/2006

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EXAMINER

PATEL, NITIN C

ART UNIT

PAPER NUMBER

2116

DATE MAILED: 11/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/806,959

Applicant(s)

YEUNG ET AL.

Examiner

Nitin C. Patel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 3/23/04.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. This is in responsive to application filed on 23 March 2004.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 23 March 2004 was filed before the mailing date of the first office action. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

3. Claims 1 – 30 are presented for the examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1 – 30 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kim et al. [hereinafter as Kim], US Patent Application Publication No. 2002/0069272 A1.

5. As to claim 1, Kim discloses a system for monitoring configuration changes [managing server configuration changes inherently teaches monitoring] in a document processing device [computing device, para 0026 on page 2, fig. 1] comprising:

- a. means [interactive screen display/control panel] adapted for receiving a configuration change [modify configuration parameter e.g. memory space] signal representative of a requested [user request] configuration change [modify configuration

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parameter e.g. memory space] for an associated document processing device [12][para 0033 - 0034 on page 3, para 0037 on page 4, step 56 in fig. 5];

b. means [authentication] adapted for generating notification signal [authorization signal] representative of the requested configuration change [modify configuration parameter e.g. memory space] for the associated document processing device [para 0032 on page 3];

c. identifier data storage means [34 server database] adapted for storing identifier [appropriate] data [servers information] representative of contact information [network address or IP or TCP/IP] for at least one supervisor [server] [34][para 0026 on page 2, para 0038, 0045 on page 4]; and

d. means [32 server manger] adapted for directing [communicating] data representative [user identification] of the notification signal [authorization signal] to the at least one supervisor [server] after receipt of a configuration change signal [para 0034 on page 3, para 0039 - 0040 on page 4].

6. As to claim 10, Kim discloses a method for monitoring configuration changes [managing server configuration changes inherently teaches monitoring] in a document processing device [computing device, para 0026 on page 2, fig. 1] comprising the steps of:

a. receiving [via interactive screen display/control panel] a configuration change signal [user request] representative of a requested configuration change [modify configuration parameter e.g. memory space] for an associated document processing device [12][para 0033 - 0034 on page 3, para 0037 on page 4, step 56 in fig. 5];

b. generating [by authentication] notification signal [authorization signal] representative of the requested configuration change [modify configuration parameter e.g. memory space] for the associated document processing device [12][para 0032 on page 3];

c. storing [in 34 server database] identifier [appropriate] data [servers information] representative of contact information [network address or IP or TCP/IP] for at least one supervisor [server] in an associated data storage means [34] [34][para 0026 on page 2, para 0038, 0045 on page 4]; and

d. directing [intranet server communicating] data [user identification] representative of the notification [authentication] signal to the at least one supervisor [server] after receipt of a configuration change signal [para 0034 on page 3, para 0039 - 0040 on page 4].

7. As to claim 19, Kim discloses a computer-readable medium [inherent to computer system as shown in fig. 1] for monitoring configuration changes [managing server configuration changes inherently teaches monitoring] in a document processing device [computing device, para 0026 on page 2, fig. 1] comprising:

a. means [interactive screen display/control panel] adapted for receiving a configuration change [modify configuration parameter e.g. memory space] signal representative of a requested [user request] configuration change [modify configuration parameter e.g. memory space] for an associated document processing device [12][para 0033 - 0034 on page 3, para 0037 on page 4, step 56 in fig. 5];

b. means [authentication] adapted for generating notification signal [authorization signal] representative of the requested configuration change [modify configuration parameter e.g. memory space] for the associated document processing device [para 0032 on page 3];

c. identifier data storage means [34 server database] adapted for storing identifier [appropriate] data [servers information] representative of contact information [network address or IP or TCP/IP] for at least one supervisor [server] [34][para 0026 on page 2, para 0038, 0045 on page 4]; and

d. means [32 server manger] adapted for directing [communicating] data representative [user identification] of the notification signal [authorization signal] to the at least one supervisor [server] after receipt of a configuration change signal [para 0034 on page 3, para 0039 - 0040 on page 4].

8. As to claim 25, Kim discloses a computer-implemented method for monitoring configuration changes [managing server configuration changes inherently teaches monitoring] in a document processing device [computing device, para 0026 on page 2, fig. 1] comprising the steps of:

a. receiving [via interactive screen display/control panel] a configuration change signal [user request] representative of a requested configuration change [modify configuration parameter e.g. memory space] for an associated document processing device [12][para 0033 - 0034 on page 3, para 0037 on page 4, step 56 in fig. 5];

b. generating [by authentication] notification signal [authorization signal] representative of the requested configuration change [modify configuration parameter

e.g. memory space] for the associated document processing device [12][para 0032 on page 3];

c. storing [in 34 server database] identifier [appropriate] data [servers information] representative of contact information [network address or IP or TCP/IP] for at least one supervisor [server] in an associated data storage means [34][para 0026 on page 2, para 0038, 0045 on page 4]; and

d. directing [intranet server communicating] data [user identification] representative of the notification [authentication] signal to the at least one supervisor [server] after receipt of a configuration change signal [para 0034 on page 3, para 0039 - 0040 on page 4].

9. As to claim 2, Kim teaches a means [30 intranet server] adapted for receiving user data [user log on, password] representative of an identity of a user [user identification] requesting a configure change; and means [network] adapted for communicating the user data to the at least one supervisor [server for authentication/authorization] after receipt of a configuration change signal [para 0036 – para 0037 on page 4, step 50 in fig. 5].

10. As to claim 3, Kim teaches authentication means [intranet server] adapted for verifying the identity of the user [user identification] requesting a change configuration and that the user is authorized to request the configuration change [para 0031 on page 3, para 0036 – para 0037 on page 4, steps 52 and 58 in fig. 5].

11. As to claim 4, Kim further teaches, upon the verification of the identity of the user and that the user is authorized to request the configuration change, the configuration of

the document processing device is altered according to the configuration change request [user request][step 60 in fig. 5].

12. As to claim 5, Kim further teaches in the event that at least one of the identity of the user requesting the configuration change is not verified and the user is not authorized to request the configuration change, the configuration of the document processing device is not altered [para 0038 on page 4, step 62 in fig. 5].

13. As to claim 6, Kim teaches monitoring configuration changes with different computer network [para 0026 on page 2] including means [communication protocol] adapted for directing [communicating] the data representative of the notification signal to the at least one supervisor [server] via at least one of a an SMTP message and a TCP message [para 0026 – 0027 on page 2].

14. As to claim 7, Kim further teaches the identifier data includes at least one of an electronic mail address [para 0028 on page 2, para 0045 on page 4] and an IP address [para 0026, 0028 on page 2, para 0055 – 0056 on page 5, para 0057 on page 6].

15. As to claim 8, Kim teaches monitoring configuration changes with different computer network [para 0026 on page 2] including means [communication protocol] adapted for directing [communicating] the data representative of the notification signal to the at least one supervisor [server] via at least one of a an SMTP message and a TCP message [para 0026 – 0027 on page 2] including means [application program] adapted for selecting which configuration change requests a notification signal will be generated [[para 0027 – 0028 on page 2, and para 0045 on page 4].

16. As to claim 9, Kim teaches means [interactive screen display/control panel] adapted for selecting the parameters [to sign up for new service or modify an existing service] of the notification signal [para 0032 on page 3].
17. As to claim 11, Kim teaches a intranet server for receiving user data [user log on, password] representative of an identity of a user [user identification] requesting a configure change; and means [network] adapted for communicating the user data to the at least one supervisor [server for authentication/authorization] after receipt of a configuration change signal [para 0036 – para 0037 on page 4, step 50 in fig. 5].
18. As to claim 12, Kim teaches intranet server for verifying the identity of the user [user identification] requesting a change configuration and that the user is authorized to request the configuration change [para 0031 on page 3, para 0036 – para 0037 on page 4, steps 52 and 58 in fig. 5].
19. As to claim 13, Kim further teaches, upon the verification of the identity of the user and that the user is authorized to request the configuration change, the configuration of the document processing device is altered according to the configuration change request [user request][step 60 in fig. 5].
20. As to claim 14, Kim further teaches in the event that at least one of the identity of the user requesting the configuration change is not verified and the user is not authorized to request the configuration change, the configuration of the document processing device is not altered [para 0038 on page 4, step 62 in fig. 5].
21. As to claim 15, Kim teaches monitoring configuration changes with different computer network [para 0026 on page 2] including means [communication protocol]

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adapted for directing [communicating] the data representative of the notification signal to the at least one supervisor [server] via at least one of a an SMTP message and a TCP message [para 0026 – 0027 on page 2].

22. As to claim 16, Kim further teaches the identifier data includes at least one of an electronic mail address [para 0028 on page 2, para 0045 on page 4] and an IP address [para 0026, 0028 on page 2, para 0055 – 0056 on page 5, para 0057 on page 6].

23. As to claim 17, Kim teaches monitoring configuration changes with different computer network [para 0026 on page 2] including means [communication protocol] adapted for directing [communicating] the data representative of the notification signal to the at least one supervisor [server] via at least one of a an SMTP message and a TCP message [para 0026 – 0027 on page 2] including means [application program] adapted for selecting which configuration change requests a notification signal will be generated [[para 0027 – 0028 on page 2, and para 0045 on page 4].

24. As to claim 18, Kim teaches means [interactive screen display/control panel] adapted for selecting the parameters [to sign up for new service or modify an existing service] of the notification signal [para 0032 on page 3].

25. As to claim 20, Kim teaches a means [30 intranet server] adapted for receiving user data [user log on, password] representative of an identity of a user [user identification] requesting a configure change; and means [network] adapted for communicating the user data to the at least one supervisor [server for authentication/authorization] after receipt of a configuration change signal [para 0036 – para 0037 on page 4, step 50 in fig. 5].

26. As to claim 21, Kim teaches authentication means [intranet server] adapted for verifying the identity of the user [user identification] requesting a change configuration and that the user is authorized to request the configuration change [para 0031 on page 3, para 0036 – para 0037 on page 4, steps 52 and 58 in fig. 5].

27. As to claim 22, Kim further teaches, upon the verification of the identity of the user and that the user is authorized to request the configuration change, the configuration of the document processing device is altered according to the configuration change request [user request][step 60 in fig. 5].

28. As to claim 23, Kim further teaches in the event that at least one of the identity of the user requesting the configuration change is not verified and the user is not authorized to request the configuration change, the configuration of the document processing device is not altered [para 0038 on page 4, step 62 in fig. 5].

29. As to claim 24, Kim teaches monitoring configuration changes with different computer network [para 0026 on page 2] including means [communication protocol] adapted for directing [communicating] the data representative of the notification signal to the at least one supervisor [server] via at least one of a an SMTP message and a TCP message [para 0026 – 0027 on page 2].

30. As to claim 26, Kim teaches a intranet server for receiving user data [user log on, password] representative of an identity of a user [user identification] requesting a configure change; and means [network] adapted for communicating the user data to the at least one supervisor [server for authentication/authorization] after receipt of a configuration change signal [para 0036 – para 0037 on page 4, step 50 in fig. 5].

31. As to claim 27, Kim teaches intranet server for verifying the identity of the user [user identification] requesting a change configuration and that the user is authorized to request the configuration change [para 0031 on page 3, para 0036 – para 0037 on page 4, steps 52 and 58 in fig. 5].

32. As to claim 28, Kim further teaches, upon the verification of the identity of the user and that the user is authorized to request the configuration change, the configuration of the document processing device is altered according to the configuration change request [user request][step 60 in fig. 5].

33. As to claim 29, Kim further teaches in the event that at least one of the identity of the user requesting the configuration change is not verified and the user is not authorized to request the configuration change, the configuration of the document processing device is not altered [para 0038 on page 4, step 62 in fig. 5].

34. As to claim 30, Kim teaches monitoring configuration changes with different computer network [para 0026 on page 2] including means [communication protocol] adapted for directing [communicating] the data representative of the notification signal to the at least one supervisor [server] via at least one of a an SMTP message and a TCP message [para 0026 – 0027 on page 2].

35. **Examiner's note:** Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing

responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

36. **Prior Art not relied upon:** Please refer to the references listed in attached PTO-892, which, are not relied upon for claim rejection since these references are relevant to the claimed invention.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin C. Patel whose telephone number is 571-272-3675. The examiner can normally be reached on 6:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

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USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nitin C. Patel 11/17/06
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